



THW

Form: PTO/SB/17 (Modified)

REPLY/AMENDMENT FEE TRANSMITTAL	Attorney Docket No.	625-9937	
	Application Number	09/937,659	
	Filing Date	11/06/2001	
	First Named Inventor	Nilsson	
	Group Art Unit	1764	
AMOUNT ENCLOSED	\$ 0	Examiner Name	Duong

FEE CALCULATION (fees effective 10/01/97)

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	14	20	0 ⁽³⁾	X \$18.00 =	
INDEPENDENT CLAIMS	1	1	0	X \$78.00 =	
Since an Official Action set an <u>original</u> due date of <u>January 26, 2006</u> , petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$400); 3 months (\$950); 4 months (\$1,510); 5 months (\$2,060)):					
If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)					+
Total of above Calculations =					\$
Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)					-0
TOTAL FEES DUE =					\$0

- (1) If entry (1) is less than entry (2), entry (3) is "0".
(2) If entry (2) is less than 20, change entry (2) to "20".
(4) If entry (4) is less than entry (5), entry (6) is "0".
(5) If entry (5) is less than 3, change entry (5) to "3".

METHOD OF PAYMENT

- ☒ Check enclosed as payment.
☐ Charge "TOTAL FEES DUE" to the Deposit Account No., below.

AUTHORIZATION

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees under 37 CFR 1.16 or 1.17 necessary to maintain pendency of the present application to:

Deposit Account No.:

50-0687

OrderNo.: (Client/Matter)

62625

SUBMITTED BY: Manelli, Denison & Selter, PLLC

Typed Name	Jeffrey S. Melcher	Reg. No.	35,950
Signature		Date	12/18



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT Application of
Nilsson

Group Art Unit: 1764

U.S. Serial No. 09/937,659

Examiner: Duong

Filed: October 1, 2004

Att. Docket No.: 625-9937

For: PROCESS FOR COOLING SOLID AND GASEOUS MATERIAL DURIN
GASIFICATION OF SPENT LIQUOR

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January 17, 3006

RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is in response to the Office Action mailed October 26, 2005.

Reconsideration and allowance of the subject application are respectfully requested.

Claims 11-24 are pending in the application.

The rejection of claims 11-24 under 35 U.S.C. § 103 as being unpatentable over U.S. patent No. 6,062,547 (Nilsson) in view of U.S. patent No. 4,773,918 (Kohl) is respectfully traversed. The claimed invention is not obvious from the theoretical combination of Nilsson and Kohl for the following reasons.

The Examiner admits that Nilsson does not teach using essentially water-free cooling medium. However, the Examiner argues that Kohl inherently teaches to use a water-free cooling medium:

Applicant's arguments filed September 14, 2005 have been fully considered but they are not persuasive. (1) With respect to the argument that Kohl fails to teach the essentially-water free cooling medium is added to the hot gas stream after it has left the burner to thereby cool the exiting hot gas stream, Examiner respectfully disagrees. It is submitted that Kohl teaches the "heating value can be increased by adding fuel such as oil or petroleum coke into the gasification zone... and... gaseous fuel such as natural gas or volatile hydrocarbons can, of course, be added directly to the product gas to raise its heating value." The product gas (hot combustible gas which rises from the gasification zone 14) inherently leaves the gasification zone 14 or the product gas is above the burner 14.